रजिस्ट्री सं० डी०-(डी)—73 REGISTERED NO. D-(D)—73

भारत का राजपत्र
The Gazette of India

प्राधिकार से प्रकाशित
PUBLISHED BY AUTHORITY

सं० 27] नई दिल्ली, शनिवार, जुलाई 7, 1979 (आषाढ़ 16, 1901)
No. 27] NEW DELHI, SATURDAY, JULY 7, 1979 (ASADHA 16, 1901)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
Separate paging is given to this Part in order that it may be filed as a separate compilation.

भाग III—खण्ड 2
PART III—SECTION 2

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस
Notifications and Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE

PATENTS & DESIGNS

Calcutta, the 7th July 1979

CORRIGENDUM

In the Gazette of India, Part III, Section 2 dated the 5th May, 1979 under the heading "Application for Patents filed at the Head Office".

at page 270, column 2

Cancel the following entry under 3rd April, 1979—

334/Cal/79. Bharat Electronics Limited. Coplanar electrode structure for flat gaseous plasma display.'

APPLICATION FOR PATENTS FILED AT THE HEAD OFFICE

The dates shown in crescent brackets are the dates claimed under Section 135 of the Act.

31st May 1979

562/Cal/79. Rosemount Inc. Two wire current transmitter with improved voltage regulator. (May 31, 1978).

563/Cal/79. Maschinenfabrik Rieter A.G. Apparatus for sorting conical bobbin tubes of textile machines.

564/Cal/79. Nicholas Proprietary Limited. Anti-caries preparations. (May 31, 1978).

565/Cal/79. Bunker Ramo Corporation. Improvements in or relating to resilient biasingmeans. (May 31, (1978).

1st June 1979

566/Cal/79. Union Carbide India Limited. A process of making manganous sulphate solution with low level impurity of potassium for manufacture of electrolytic manganese Dioxide (EMD).

567/Cal/79. Union Carbide India Limited. A process of making manganous sulphate solution with low level impurity of potassium for manufacture of electrolytic manganese dioxide.

568/Cal/79. G. D. Societa' Per Azioni. Device for feeding and checking layers of cigarettes in cigarette packaging machines.

569/Cal/79. Unie Van Kunstmestfabrieken B. V. Process and device for the preparation of a product containing ammonium orthophosphate, and product obtained by this process.

570/Cal/79. Maschinenfabrik Rieter A.G. Apparatus for eliminating metallic contaminations from a fibre transporting duct in spinning preparation.

571/Cal/79. Westinghouse Electric Corporation. A high peak power microwave generator using light activated switches.

572/Cal/79. Hoechst Aktiengesellschaft. Novel water-insoluble azo dyestuffs, process for their manufacture and their use for dyeing or printing.

573/Cal/79. Zoecon Corporation and Imperial Chemical Industries Limited. Novel compositions and methods.

2nd June 1979

574/Cal/79. Strong House International Inc. Building unit of prefabricated elements.

575/Cal/79. Burroughs Corporation. Novel TSF head pair for dual recording on flexible disks.

576/Cal/79. Texaco Development Corporation. Improved filtration of wax in a solvent dewaxing process.

4th June 1979

577/Cal/79. Dynamit Nobel Aktiengesellschaft. Process for joining a plug and fuze wires for electrical detonators.

5th June 1979

578/Cal/79. Chlorine Engineers Corp., Ltd. Method for detecting short-circuiting between electrodes in mercury method sodium chloride electrolyzing cell.

579 Cal/79 J. K. Singh. Improvements in or relating to electric fans.

580 Cal/79. Maschinenfabrik Buckau R. Wolf Aktiengesellschaft. Roller for sugarcane mill.

581 Cal/79. Territorialnoe Geologicheskoe Upravlenie Tsentralnykh Raionov and Severo-Zapadnoe Geologicheskoe Upravlenie. Plug for eliminating troublesome zones in wells.

582 Cal/79. Ryazansky Radiotekhnichesky Institut-USSR. Resistance-change-to-electric-signal converter.

583/Cal/79. Ryazansky Radiotekhnichesky Institut-USSR. Receiver of multichannel telemetering system.

584/Cal/79. Ryazansky Radiotekhnichesky Institut-USSR. Multichannel resistance-change-to-electric-signal converter.

585/Cal 79 Voith Turbo GmbH & Co. KG. Venting device for the housing of a rotary machine.

6th June 1979

586/Cal/79. DHV Raadgevend Ingenieursbureau BV. Filter tube for drain purposes.

587/Cal/79. Mundipharma A.G. Production of pyrrolidin-2-ones and 3-pyrrolin-2-ones.

APPLICATION FOR PATENTS FILED AT THE

(DELHI BRANCH)

14th May 1979

323/Del/79. The Goodyear Tire & Rubber Company. Apparatus for forming traction grooves in the uncured tread of a heavy off-highway tire.

324/Del/79 Federal-Mogul Corporation. Method of making selectively carburized forged powder metal parts.

325/Del/79. Miles Laboratories, Inc. Composition, test device and method for determining the presence of urobilinogen in a test sample.

326/Del/79. Ciba-Geigy AG. 3-phenoxybenzylamines and 3-benzylbenzylamines and processes for producing them.

327/Del/79. Exchem Holdings Limited. Cementitious cartridge for rock-bolting. (May 31,1978).

328/Del/79. Halcon International Inc. A process for the preparation of an anhydride of a monocarboxylicacid. [Divisional date August 12, 1974].

15th May 1979

329/Del/79. Union Carbide Corporation. Cryogenic system for producing low-purity oxygen.

330/Del/79. The General Electric Company Limited. Thermally stable measuring apparatus employing magneto-electric-devices. (May 15, 1978).

331/Del/79. Spirax Sarco Limited. Pressure detectors. (May 30, 1978).

332/Del/79. Ruhrchemie Aktiengesellschaft. Production of gas mixtures containing hydrogen and carbon monoxide via the endothermic partial oxidation of organic compounds.

333/Del/79 Council of Scientific and Industrial Research. Improvements in or relating to ion implantation machines for use in making of solid state devices.

16th May 1979

334/Del/79. Harold N Barham, Jr. and Doris C Barham. Method of treating whole seeds to incorporate solid materials.

335/Del/79. IMI Norgren Limited. Bowl for compressed air or gas filter or lubricator. (May 31, 1978).

336/Del/79. Metallurgical Processes Limited and I.S.C. Smelting Ltd. Pyrometallurgical smelting of lead and copper. (May 31, 1978).

337 Del 79. Pfizer Corporation. Therapeutic agents. (May 18, 1978).

338/Del/79 Crucible Inc. Method of producing powder metallurgy articles with high vanadium-carbide content. (March 9, 1979).

339/Del/79. Aspro, Inc. An improvement in a vehicle braking system. [Divisional date August 25, 1976].

17th May 1979

340/Del/79 Council of Scientific and Industrial Research. Process for catalytic methlation of phenol to produce anisole and ortho substituted products.

341/Del/79. Council of Scientific and Industrial Research. Improvement in or relating to the production of dinitroso-pentamethyl eneteramine (DPT) from liquor ammonia, aqueous formaldehyde, sodium nitrite and ammonium sulphate.

342/Del/79. Council of Scientific and Industrial Research. Improvements in or relating to a new computerised device for finding effective velocity from reversed reflection travel time date.

343/Del/79. Elkem-Spigervereet A/S. Apparatus for the supply of a charge to a covered electric smelting furnace.

344/Del/79. Ciba-Geigy AG. 3-phenoxybenzylideneamines and 3-benzylbenzylideneamines, A process for obtaining them, and their use for producing the corresponding aldehydes.

345/Del/79. Ciba-Geigy AG. New Alcohols.

346/Del/79. Exchem Holdings Limited. Cartridge for rock-bolting. (May 31, 1978).

18th May 1979

347/Del/79. Council of Scientific and Industrial Research. Improvements in or relating to the recovery of D(+) camphorsulphonic acid during the resolution of DL-phenylglycine.

348/Del/79. Council of Scientific and Industrial Research. Improvements in or relating to the preparation of zinc/ethyl silicate primer for protection of steel structures.

349/Del/79. Peter A. Hoghstein. Thermal energy scavenger (Stress Limiter).

350/Del/79. UOP Inc. Vehicle seats. (May 20, 1978).

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in the opposing the grant of patents of any of the applications concerned may at any time within four months of the date of this issue or on form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months given notice to the Controller of Patents at the appropriate office as indicated in respect or each such application, on the prescribed form 15 of each opposition. The written statement of opposition should be filed along with the said notice or within one month from its date as prescribed in Rule 35 of the Patents Rules, 1972.

"The clasifications given below in respect of each specification are according to Indian Classification and International Classification.

A limited number of printed copies of the specifications listed below will be available for sale from the Government of India Book Depot, 8,Kiran Shankar Ray Road, Calcutta

in due course. The price of each specification is Rs. 2/- (postage extra is sent out of India). Requisition for the supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

Typed or photo copies of the specifications together with the photo copies of the drawings, if any can be supplied by the Patent Office, Calcutta on payment of the prescribed copying charges which may be ascertained on application to that office.

CLASS 178. 146539.

Int. Cl.-B23p 1/00

METHOD OF CUTTING OF MATERIALS USING SPARK EROSION TECHNIQUES.

Applicant : DE BEERS INDUSTRIAL DIAMOND DIVISION LIMITED, OF 8th FLOOR, 45 MAIN STREET, JOHANNESBURG, REPUBLIC OF SOUTH AFRICA.

Inventors : CHARLES MAURICE LEVITT, SAMUEL CHATTERLEY AND PETER JOHN LIVSEY FLINN.

Application No. 1520/Cal/76 filed August 20, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

17 Claims.

A method of cutting a material including the steps of placing a pair of parallel spaced electrodes close to or in contact with the material, applying a voltage across the electrodes to produce a spark between the electrodes, and causing relative movement as hereinbefore defined between the electrodes and the materials as the spark erodes the material to effect the cut.

CLASS 64B. 146540

Int. Cl.-H01r 29/00.

ELECTRICAL COUPLING ARRANGEMENTS.

Applicant : THE GENERAL ELECTRIC COMPANY LIMITED, OF 1 STANHOPE GATE, LONDON W1A 1EH, ENGLAND.

Inventor : ADRIAN ORTON NEWBOULD.

Application No. 2089 Cal/76 filed November 22, 1976.

Convention date December 12 1975/(50972/75) . U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims.

An electrical coupling arrangement comprising : a first winding arrangement to which an a.c. input current is applied in operation; a second winding arrangement across which an output voltage is derived in operation and which is flux linked to the first winding arrangement so that in response to a given value of input current there is produced in the second winding arrangement a fixed amplitude flux component of predetermined phase angle with respect to the input current; a third winding arrangement flux linked to both said first winding arrangement and said second winding arrangement and including variable resistance means so that in response to a given value of input current there is produced in the second winding arrangement a flux component whose amplitude and phase angle with respect to said input current varies inversely with the value of said variable resistance, whereby the phase relationship between the input current and the resultant of said fixed and variable flux components, and hence between the input current and the output voltage, is controllable by said variable resistance means.

CLASS 158C. 146541.

Int. Cl.-B61k 7/00.

WAGON-SPEED CONTROL.

Applicant : DOWTY HYDRAULIC UNITS LIMITED, OF ARLE COURT, CHELTENHAM, ENGLAND.

Inventor : STEPHEN HINCHLIFF.

Application No. 2287/Cal/76 filed December 29, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

14 Claims.

A speed control means for securement to a railway comprising a wagon speed retarder device and a wagon booster device, both being securable to the railway track in such manner so that each is capable of contacting a wheel of a railway wagon rolling on the track, and a responder for actuating the retarder and booster devices in accordance with wagon speed so that, when a wagon is moving in a predetermined direction, the retarder device, if actuated, has a resultant retarding effect on a wagon wheel contacted thereby, and the booster device, if actuated, has a resultant boosting effect on a wagon wheel contacted thereby.

CLASS 105D 146542.

Int. Cl.-G01d 1/00.

AN AUTOMATIC MECHANICAL PROFILE RECORDING DEVICE PARTICULARLY SUITED FOR ROAD UNEVENNESS TESTER AND SIMILAR DEVICES.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-1, INDIA.

Inventors : SARUP SINGH RUP, AUTAR KRISHEN BHAT, BHAGWAN DAS VED, SHYAMAL KUMAR MUKHERJEE AND GIRDHARI LAL CHANDEL.

Application No. 698/Cal/76 filed April 23, 1976.

Complete Specification left July 21, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch

5 Claims.

An automatic mechanical profile recording device for use with road unevenness tester and similar devices of the type described, and mounted thereon, which comprises of a means to drive a recording paper to a desired scale and means to record the profile of the unevenness of the payment surface over which the said road unevenness tester device is towed said paper the said drive means being operated from the said tester device movement.

CLASS 105D. 146543.

Int. Cl.-G01d 1/00.

AN AUTOMATIC MARKING DEVICE FOR USE WITH PROFILE RECORDER OF A ROAD UNEVENNESS TESTER DEVICE.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-1, INDIA.

Inventors : SARUP SINGH RUP, AUTAR KRISHEN BHAT, BHAGWAN DAS VED, SHYAMAL KUMAR MUKHERJEE AND GIRDHARI LAL CHANDEL.

Application No. 699 Cal 76 filed April 23, 1976

Complete Specification left July 23, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

5 Claims.

An automatic marking device for use with profile recorder of a road unevenness tester device of the type described herein comprises means to conver the up and down movement of the tester axle into a rotary motion to operate a marking/numbering mechanism to mark/number the profile on a profile recording paper.

CLASS 98E.

Int. Cl.-F24j 3/28.

AN ABSORBER PANEL FOR USE IN A SOLAR COLLECTOR.

Applicant: THE NATIONAL INDUSTRIAL DEVELOPMENT CORPORATION LTD., CHANAKYA BHAVAN, IDMC COMPLEX, VINAY MARG, CHANAKYAPURI, NEW DELHI-110 021, INDIA.

Inventor: DR. SUBHAS CHANDRA BOSE.

Application No. 298/Del/77 filed October 7, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

2 Claims.

An absorber panel for use in a solar collector comprising a first and second corrugated sheet held in an opposite relationship to each other and such as to provide a plurality of flow paths, at least the upper surface of said corrugated sheet having a coat of black paint thereon.

CLASS 40B.

146545.

Int. Cl.-B01j 11/32.

METHOD OF PREPARATION OF CATALYST FOR STEAM REFORMING OF HYDROCARBONS.

Applicant: FUJIMI KENMAZAI KOGYO CO., LTD., OF 2-1-1, CHIRYO, NISHI BIWAJIMA-CHO, NISHI KASUGAI-GUN, AICHI, JAPAN AND JOYO ENGINEERING CORPORATION, OF 5, 1-BANCHI, 3-CHOME, KASUMIGASEKI CHIYODA-GU, TOKYO, JAPAN.

Inventors: MIKIO NODA, YOSHINOBU YAMAGUCHI, KEN-ICHIRO UWANO, NOBUHIRO SATO, TADAYOSHI TOMITA AND KOJI AISUKA.

Application No. 671/Cal/77 filed May 5, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims.

The method of preparing a sintered shaped catalyst object for steam reforming of hydrocarbons, which comprises the steps of: forming a moldable mixture by mixing and kneading with water, :

(a) fine particles of essentially pure nickel oxide having a maximum particle size of less than about 10 microns,

(b) particles of calcium oxide or particles of a calcium compound or a mixture of calcium compounds which compounds can be convered to pure calcium oxide free of impurities by heating same at the below-mentioned sintering temperature, and

(c) an alumina hydraulic cement consisting essentially of calcium aluminates, the amount of said cement (c) being at least 8 weight percent based on the sum of the weights of ingredients (a), (b) and (c), wherein the ingredients (a), (b) and (c) are present in amounts effective to provide a sintered shaped catalyst object having the composition set forth hereinbelow:

Moulding the moldable mixture into a shaped object; hardening the shaped object, at a temperature of from 5° to 35°C, in an ambient atmosphere having a relative humidity of higher than 60%, for longer than one day to hydrate and harden the cement; drying the shaped object at a temperature below 350°C; and sintering the dried shaped object at a temperature in the range of from 550° to 1200°C, the thus sintered catalyst object consisting essentially of 10 to 30 weight percent of nickel oxide, 20 to 60 weight percent of calcium oxide and 10 to 70 weight percent of aluminium oxide and containing less than 1 weight percent of silicon dioxide.

CLASS 34A & 145F$_2$. 146546.

Int. Cl-D21c 3/00. (D21c 9/10) C08b 9 00, C08b 15/00.

METHOD OF PRODUCING RAYON HAVING A DEGREE OF POLYMERISATION OF AT LEAST 800 FROM A PULP OF BAGASSE.

Applicant: PROCESS EVALUATION AND DEVELOPMENT CORPORATION, OF 2925 LBJ FREEWAY, DALLAS, TEXAS 75234, UNITED STATES OF AMERICA.

Inventors: EDUARDO JOEL VILLAVICENCIO AND JARDINES DEL PEDREGAL.

Application No. 700/Cal/77 filed May 11, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972 Patent Office, Calcutta.

4 Claims. No drawings.

A method of producing rayon having a degree of polymerisation of at least 800 from a pulp of bagasse capable of being dissolved, said method comprising:

(a) prehydrolyzing the bagasse with water at autogenous pressure and at a temperature of about 100°C to 220°C for about 5 to 90 minutes, the ratio of water to bagasse being 1 : 1 to 15 : 1;

(b) digesting the prehydrolyzed bagasse with an alkaline liquor containing about 3 to 7 weight percent sodium hydroxide and about 10 to 18 weight percent sodium sulfide (based on oven-dry bagasse), the ratio by weight of sodium hydroxide to sodium sulfite being about 1:2 to 1:5 the pH of the prehydrolyzed bagasse-alkaline liquor mixture being 10.5 to 11.2 and maintaining the pH of the disestion mixture within said range of pH throughout at least one half of the time period of the digestion;

(c) bleaching the digested bagasse in the following four-step process;

step 1-contacting the digested bagasse with chlorine dioxide and chlorine at concentration of 0.5 to 1.5 weight per cent chlorine dioxide and 2 to 4 weight percent chlorine, based on oven-dry bagasse,

step 2-contacting the bagasse from step 1 with 2 to 4 weight per cent sodium hydroxide, based on oven-dry bagasse, at a temperature greater than 50°C.

step 3-contacting the bagasse from step 2 with 0.5 to 1.5 weight percent chlorine dioxide, based on oven dry bagasse, at a temperature greater than 50°C., and step 4-contacting the bagasse from step 3 with sodium hydrochlorite having up to 1.0 weight percent available Cl_2, based on oven-dry bagasse;

(d) washing the bleached bagasse with water, recovering therefrom, a bagasse pulp capable of being dissolved and drying said pulp to a moisture content of less than about 10 weight percent and

(e) converting the pulp of step (d) to rayon by the conventional cupramonium rayon production process.

CLASS 108$_3$. 146547.

Int. Cl.-C21c 5/00.

PROCESS FOR PRODUCING ELECTROMAGNETIC SILICON STEEL.

Applicant: ALLEGHENY LUDLUM INDUSTRIES, INC., TWO OLIVER PLAZA, PITTSBURGH, PENNSYLVANIA 15222, UNITED STATES OF AMERICA.

Inventor: FRANK ANGELO MALAGARI, JR.

Application No. 787/Cal/77 filed May 25, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims. No drawings.

A process for producing electromagnetic silicon steel having a cube-on-edge orientation, which process includes the steps of :, preparing a melt of silicon steel containing from 0.02 to 0.06% carbon, from 0.0006 to 0.0080% boron, up to 0.0100% nitrogen, no more than 0.0008%

aluminum and from 2 5 to 4 0% silicon, casting said steel hot rolling said steel to an intermediate thickness of from about 0 050 to about 0 120 inch, cold rolling said steel to a thickness no greater than 0 020 inch without an intermediate anneal between cold rolling passes, preparing several coils from said steel, decarburizing said steel, and final texture annealing said steel characterized by the step of incorporating between 0 3 and 1 0% copper in said melt, said copper improving the magnetic quality of said steel so that at least 25% of said coils have a permeability of at least 1870 (G/Oe) at 10 oersteds and a core loss of no more than 0,700 watts watts per pound at 17 kilogauss, at both ends

CLASS 108C; 146548

Int Cl C21c 5/00

PROCESS FOR PRODUCING HIGH PERMEABILITY SILICON STEEL

Applicant ALLEGHENY LUDLUM INDUSTRIES, INC, TWO OLIVER PLAZA, PITTSBURGH, PENNSYLVANIA 15222, UNITED STATES OF AMERICA

Inventor FRANK ANGELO MALAGARI, JR

Application No 788/Cal/77 filed May 25, 1977

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta

13 Claims No drawings

A process for producing electromagnetic silicon steel having a cube on-edge orientation and a permeability of at least 1870(G/O_e) at 10 oersteds, which comprises the steps of preparing a melt of silicon steel containing, by weight, 0 02 to 0 06% carbon 0 015 to 0 15% manganese, 0 01 to 0 05% sulfur 0 0006 to 0 0018% boron, upto 0 0100% nitrogen 2 5 to 4 0% silicon, upto 1 0% copper and no more than 0 008% aluminum, said manganese and sulfur being such so as to result in the formation of a hot rolled band having a manganese to sulfur ratio of at least 1 83, casting said steel, hot rolling said steel to a band having a thickness of from about 0 050 to about 0 120 inch and a manganese to sulfur ratio of at least 1 83, cold rolling said steel to a thickness no greater than 0 020 inch without an intermediate anneal between cold rolling passes, decarburizing said steel, and final texture annealing said steel said steel having less than 0 006% sulfur in solute forom at the start of said annealing, said manganese to sulfur ratio being maintained at a level of at least 1 83 through said processing

CORRECTION OF CLERICAL ERRORS UNDER SECTION 78(3)

The title of the invention in the application specification and also the opening description of the specification in respect of patent application No 141492 (earlier numbered as 541/Cal/74), the acceptance of the complete specification of which was notified in Part III Section 2 of the Gazette of India dated the 12th March 1977 have been corrected to read as Trav roller and retainer assembly and its use in a mechanized filing cabinet, under section 78(3) of the Patents Act, 1970

The title in the application specification and also opening description of the specification of application for a patent No 143300 (earlier numbered as 22/Cal/77) was made by IMS Limited, the acceptance of the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated 29th October, 1977 has been corrected to read as 'A medical device for use in alimentation", under section 78(3) of the Patents Act, 1970

The title of the invention in the application and specification as well as the opening description of the specification of patent application No 143431 (earlier numbered as 772/Cal/76), the complete specification of which was notified in Part III Section 2 of the Gazette of India dated the 26th November 1977 has been corrected to read as 'Out of-Step relay for an alternating potential power transmitting system', under Section 78(3) of the Patents Act, 1970

The title of the invention in the application specification and also the opening description of the specification in respect of patent application No 143548 (earlier numbered as 1551/Cal/76) the acceptance of the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 24th December, 1977 have been corrected to read as 'A method of constructing a rotary transverse roll and the rotary transverse roll thus constructed', under section 78(3) of the Patents Act, 1970

PATENTS SEALED

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CHEMICAL LIST NO. XI

COMMERCIAL WORKING OF PATENTED INVENTIONS

The following patents in the field of Chemical Industry are not being commercially worked in India as admitted by the patentees in the statements filed by them under Section 146(2)of the Patents Act, 1970 in respect of Calendar year 1977 generally on account of want of request for licences to work the patented inventions Persons who are interested to commercially work the said patents may contact the patentees for the grant of a licence for the purpose

Sl. No	Patent No	Date of Patent	Name & Address of Patents	Brief title of the inventions
1	2	3	4	5
1	140421	5-11-1974	Monsanto Company at 800 North Lindbergh Boulevard, St Louis, Missouri 63166 (U S A)	Preparation of herbicidal carboxy alkylesters of n-phosphonomethyl glycine and their salts
2.	140438	23-12-74	Anheuser Busch Inc, of 721 Pestalozi street, St Louis, Missouri, U S A	Preparation of yeast protein Ioslate having a reduced nueleic acid content
3.	140439	28-7-75	Imperial Chemical Industries Ltd, of Emperial Chemical House, Millbank London SW1, England	Manufacture of cinnolin-3 -yl carboxylic acids
4	140442	23-2-73	Ciba Giegy AG, of Klybeekstrasse 141 Basle, Switzerland	Manufacture of reactive bis-azo dyestuffs.

1	2	3	4	5
5.	140446	17-9-73	Hoechst Ag of 6230 Frankfurt/Main 80, FRG	Preparation of novel naphthalimide 4, 5-dicarboxylic acids and their anhydrides.
6.	140448	12-2-74	Do.	Preparation of new benzofuran derivatives.
7.	140449	27-3-74	Do.	Preparation of monoazo pigments.
8.	140454	11-5-73	Ivo Maurovic of 530 East 72nd Street New York, State of New York, U.S.A.	Transfer of annoniacal solutions by high pressure carbonate recycle pump.
9.	140458	4-1-74	Dr. C. Otto & Comp GMBH's at Postfach 1849/1850 463, Bochum, West Germany.	Conversion of solid fuels into liquid and gaseous fuels
10.	140460	19-11-74	Pfixer Inc of 235 Last, 42nd street New York State of New York, U.S.A.	Preparation of quinazolines,
11.	140465	5-4-74	Metallgesellschaft AG of 16 Frankfurt AM, Renterweg 14, West Germany.	Process for gasification of hydorcarbons.
12.	140468	17-10-74	Prerovske Strojirny of Narodhni Rodnik of prerov, Czechoslovakia.	Apparatus for burning raw cement materials and pulverous lime.
13.	140477	6-9-73	Joseph John Schons of 778 Drake Lane Rei-vervale 9 State of New Jersey, U.S.A.	Preparation of liquid fuel.
14.	140480	27-2-74	Beheit Corporation of 1st Lamerence Avenue Beloit Wisconsin 53571 U.S.A.	Pulp refiner element
15.	140485	7-6-75	Snamprogetti s. p. a of 16 Corso Venezia, Milan, Italy.	Production of aromatic urethanes.
16.	140487	24-1-73	Hoechst AG of 6230 Frankfurt Main 80, FRG	Preparation of monoazo pigments
17.	140488	16-3-74	Rubber & Plastics Research Association of Great Britain, of Shawbury, Shrewsbury, Shropshire, England.	Preparation of densified plastics material from cellulose plastic Material.
18.	140500	7-11-74	Ethicon Inc of Somerville, New Jersey, U.S.A.	Method of swaging of suture of to surgical needle.
19.	140505	12-6-73	Snamprogetti s. p. A of 16, Corso Venezia, Milan Italy.	Production of diphenylamine and its derivatives.
20.	140508	17-9-73	Ciba Giegy Ag of Klybelstrasse 141 Basle, Switzerland.	Preparation of azo compounds
21.	140516	20-4-72	Hoechst AG of 6230 Frankfurt Main 80, FRG	Preparation of benzene sulfonyl ureas
22.	140517	-do-	Do.	Preparation of benzene sulfonyl ureas
23.	140521	7-9 74	The South India Textile Research Association Combatore 641014 Tamil Nadu India	Enhancing the abrasion resistance of cellulose material
24.	140538	10-10-73	CSIR at Rafi Marg, New Delhi-1 India	Phosphating of steel
25.	140543	20-4-72	Hoechst AG of 6230 Frankfurt/Main 80, FRG	Preparation of benzene sulfonyl ureas
26.	140550	9-11-73	Deutache Gold Etc of 9, Weissnanenstrass, Frankfurt Main 80, FRG	Preparation of rubber mixtures having reinforcing additives.
27.	140563	12-3-75	Norsk Hydro AS of Bydge Valle 2, Oslo, Norway.	Production of calcium phosphate.
28.	140565	21-8-73	Imperial Chemical Industries Ltd., of Imperial Chemical House, Millbank, London England.	Production of laces and granules of thermoplastic polymers.
29.	140569	22-3-74	Edward Potter & Dant & Russel, Inc. of a Nevada, U.S.A., of 14415 SW 6th Beaverton, Oregon 97005, U.S.A. and 2000 SW 5th Avenue, Portland, Oregaon 97204 U.S.A.	Process for making a particle board.
30.	140571	21-6-74	Metallgesellschaft AG of 16, Frankfurt AM 14 West Germany.	Pelletising disc
31.	140577	8-10-74	The Director, All India Institute of Medical Science of Ansari Nagar, New Delhi 110016 (India).	Preparation for the treatment of Ichthyosis.
32.	140581	24-1-75	The South India Textile Research Association, Coimbatore 641014 Tamil Nadu (India).	A Machine for carrying out interfacial polymerication of synth sis on the surface of spindle tapes.
33.	140582	26-7-73	Marathon Oil Company of 539 South Main Street, Findlay, Ohio 45840 U.S.A.	Making a waxy crude oil.
34.	140584	13-9-74	CSIR at Rafi Marg, New Delhi 1 (India)	Preparation of process polymeric composition on uncharged and charged type.

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35.	140593	25-9-74	Johnson & Johnson Ltd., of 501, George Street, New Brunswick, New Jersey USA	Preparation of stabilised tretinoin cream emulsion for topical application.
36.	140594	31-10-74	Atlantic Richfield Co., of Arco Plaza 515, 3 flower street, Los Angelos State of California. U.S.A.	Manufacture of urea.
37.	140599	25-7-75	John Wyeth & Brother Ltd at Runtercombe Lane South Tapelo, Maidenhead, Berkshire, England.	Preparation of novel piperidine derivates.
38.	140615	2-4-74	Union Carbide Corporation of 270 Park Avenue New York State of New York 10017 U.S.A.	Preparation of carbamide derivatives.
39.	140622	26-4-73	General Electric Co. 1 of 1 River Road, Scheeve lady, New York, U.S.A.	Method of compounding thermoplastic polymeric material and filler.
40.	140623	18-7-73	Shell Internationale Research Maatschappij BV of curel van bylandtlaan 30, The Hague, Netherlands.	Preparation of ketones.
41.	140627	28-11-73	CSIR at Rafi Marg, New Delhi-1 India	Removal of phosphorous and iron from fluospar.
42.	140632	6-6-74	Do.	Production of semi coke and a fuel gas having calorific value.
43.	140639	9-1-74	Hindustan Lever Limited, at Hidustan Lever House, 165/166 Backbay Reclamation, Bombay-20.	Detergent bars
44.	140646	17-7-73	Fritz Stahlecker of Jesefueidhartstrasse 18, D-7341 Bad Uberkingen West Germany and Hans Stahlwcker of Haldenstrasse 20, D-7334 Sussen, West Germany.	Apparatus for removing impurities from fibres.
45.	140647	30-1-75	IDL Chemicals Limited of Santhogar (II-E) B. O. Hyderabad-18 Andhra Pradesh (India).	A liquid phase for the manufacture of slurry explosives.
46.	140656	29-11-73	Texaco Development Corporation of 135 East 42nd Street, New York-17, State of New York (U.S.A.)	Recovery of carbon from a water dispersion thereof.
47.	140659	22-12-73	Hoechst AG of 6230 Frankfurt/Main 80, FRG.	Preparation of pure organic pigment.
48.	140661	21-5-74	American Cynamaid Co, of Wayne, New Jersey (U.S.A.)	Preparations of pyrozolium salt.
49.	140672	16-10-73	Siemens AG of Berlin and Munich, West Germany	Permanent polymerisation of piezo electric material
50.	140689	24-10-73	Allis Chalmers Corporation of 1126 South 70th Street, West Allis 14, Wisconsin, U.S.A.	Reducing ores using rotary ore reducing kilns
51.	140716	29-5-74	Hoecst AG of 6230 Frankfurt/Main 80. FRG	Polymerising aolefins
52.	140718	20-4-72	Macneil Laboratories Inc of Camp Hill Rd., Fort Washington, Pennysylvania, U.S.A.	Preparation of aroyl substituted pyrroles.
53.	140727	23-11-73	The Lubrizol Corporation of P. O. Box 3057 Euclid Station, Cleveland, Ohio 44117 U.S.A.	Preparation of basic alkali sulfonate dispersions.
54.	140728	26-12-73	Rubber & Plastics Research Association of Great Britain of Shawbury Shrewsbury, Shropshire, England.	Preparation of finely divided vulcanis rubber.
55.	140730	24-3-75	American Cyanamid Co. of Wayne, New Jersey, USA.	Stabilization of 4-cyano-2, 2-dimethyl butyraldoxime methyl carbamate.
56.	140732	11-3-75	Pfizer Inc. of 235 East 42nd Street, New York, State of New York, USA.	Immobilisation of microbial cells.
57.	140738	4-12-73	Hoechst AG of 6230 Frankfurt/Main 80 FRG.	One package polyvinyl ester adhesive.
58.	130749	31-7-75	Atlantic Richfield Co. of Arco Plaza 55 S Hower Street, Los Angeles, California USA.	Manufacture of phenyl methyl carbinol.
59.	140759	20-4-72	Hoechst AG of 6230 Frankfurt Main 80 FRG.	Manufacture of benzene sulfonyl ureas.
60.	130760	Do.	Do.	Do.
61.	140761	Do.	Do.	Do.

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62.	140762	20-4-72	Hoechst AG of 6230 Main Frankfurt 80 FRG	Manufacture of benzene sulfonyle
63.	140763	Do.	Do.	Do.
64.	140764	Do.	Do.	Do.
65.	140765	Do.	Do.	Do.
66.	140780	5-10-74	UOP Inc at Ten UOP Plaza Algonquin and Mt Prospect Roads, Des Plaines, Illinios, USA.	Hydrometrallurgical recovery of nickel from a laterite nickle ore.
67.	140801	10-4-73	Produits chemicques Ugine Kudhlmann of 25 Boulevard De 1 Amiral Bruix Paris France.	Production of polyurethane.
68.	140804	29-6-73	UOP Inc at Ten UOP Plaza—Algonquin and Mt Prospect Roads, De Plaines Illinios USA.	Iso Paraffin—olefin alkylation process.
69.	140809	17-9-73	Sherritt Gordon Mines Ltd. of Commerce Court West Toronto, Ontario, Canada.	Production of nickel powder from impure nickel compounds.
70.	140810	26-9-73	Air Products & Chemicals Inc. of allentoun Pennsylvania 18105 USA.	Production of synthetic natural gas from crude oil.
71.	140811	18-10-73	Solvay & Cie of 33 Rue du Prince Albert B-1050 Brussels, Belgium.	Polymerisation of olefins.
72.	140813	13-12-73	G. D. Societa Per Azioni of Via Pomponia 10, Bologne Italy.	Apparatus for the discharge of product
73.	140814	7-1-74	The Goodyear Tyre & Rubber Company of 1144 East Market Street, Akron, Ohio, USA.	Preparation of pigmental polyethyleau terephthalate.
74.	140820	20-3-74	FMC Corporation of 633 Third Avenue, New York, State of New York-17 USA.	Briquetting of reactive coalCalinate with high temperature coke oven pitch
75.	140826	28-8-74	Chionoin Gyogyszer Es Vegyeszeti Termekek Gyara Ri of 1-5 to U Budapest IV, Hungary.	Preparation of quinoline derivates.
76.	140836	21-2-75	Hoechst AG of 6230 Frankfurt Main 80 FRG.	Dyestuff composition for dying and printing of cellulose fibre materials.
77.	140842	10-7-75	Chinoin Gyogyser Es Vegyeszeti Teramekek Gyara RT of To Utea 1-5 Budapest IV, Hungary.	Preparation of N-(Carbanoyl-Oxyphenyl) carbamates.
78.	140847	13-3-73	Snamprogetti SPA of 16, Cooso Venezia, Milan, Italy.	Copolymerisation of isolutylene.
79.	140854	28-11-73	Hitachi Ltd. of 4, 1 chome Marunonchi, Chiyoda-Ku9 Tokyo, Japan.	Production of novel thermosetting resin.
80.	140857	22-3-74	Institut Francasis Du Petrole, Des Carbutans ET Lubrifiants of 1 et 4 Avenue de Bois Preall 92502 Rueill Malmaison, France.	Preparation of polymeric composition.
81.	140858	11-6-74	May & Baker Ltd. of Dagenham, Essen, England.	Preparation of azapurinone derivates.
82.	140861	2-8-74	UOP Inc at Ten UOP Plaza Algonquin and Mt Prospect Roads, Des Plaines Illinois, USA.	Hydrogen fluoride alkylation process.
83.	140863	26-9-74	Monsanto Company at 800 North Linbergh Boulevard St Louis, Missouri 63166 USA.	Production of ethylbenzene.
84.	140874	1-8-73	Hoechst AG of 6230 Frankfurt Main 80 FRG.	Preparation of perionone dyestuffs.
85.	140885	19-7-74	Do.	Preparation of novel monozzo pigment
86.	140890	1-11-74	Polysar Limited of Sarnia, Ontario, Canada.	Preparation of thermoplastic rubber compositions.
87.	140891	6-11-74	Monsanto Company of 800 North Lindergh, Boulevard, St Louis Missouri 63166, USA.	Production of n-phosphonomethyl glycine triesters.
88.	140893	18-11-74	Cincinnati Milacron Chemicals Inc of Reading State of Ohio USA.	Production of alkyltin halides.
89.	140895	26-11-74	The Goodyear Tire & Rubber Company, of 1144 Mast, Market Street, Akron Ohio USA.	Flame retardant copolyester compositions.

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90.	140899	30-1-75	Hoechst AG [of 6230 Frankfurt Main 80 FRG.	Printing or pad dyeing cellulose/polyester mixed fabrics.
91.	140900	14,-2-75	Canadian Industries Limited of 630 Dorchester Boulevard West, Montreal H3 C2 R3 Provinc of Quebec, Canada	Manufacture of stabilised air bubble containing explosive compositions.
92.	140905	20-5-75	American Cyanamid Co of Wayne, New Jersey, USA.	Preparation of novel phenoxybenzyl - esters of sporocarboxylic acids.
93.	140919	28-7-73	Marathon Oil Company of 539 South Main Street, Findlay Ohio 45840 USA.	Preparing and transporting hydrocarbon mixtures as a slurry.
94.	140921	20-3-73	The Grantley Company at 54 North Chestnut Street Je Herson, State of Ohio USA.	Production of novel absorbants medium.
95.	140929	23-9-74	Metallugesellschaft AG of 16, Frankfurt AM Rentereveg 14, West Germany.	Production of carbon monoxide from light hydrocarons.
96.	140934	5-5-73	Hoechst AG of 6230 Frankfurt Main 80 FRG.	Preparation of new water soluble heavy metal complex dyestuffs.
97.	140940	14-2-74	Rhone Progil of 25. Qui Paul Doumer, 92408 Courlievoie, France.	Bulk preparation of vinyl chloride polymers.
98.	140948	25-11-74	Shell Internationale Research Maatschappij BV Carel Van Bylandtlaan 30, The Hague, Netherlands.	Production of a reduced gas.
99.	140949	11-12-74	Fried Krupp Huttenwerke Aktiengesellschaft of 4630 Bochum, West Germany.	Apparatus for the production of metals by a smelting metallurgical process.
100.	140959	17-9-73	UOP Inc at Ten UOP Plaza Algonquin and Mt. Prospect Road, Des Plaines, Illinios USA.	Manufacturing a catalyst for isomerisation of hydrocarbons.
101.	140960	15-10-73	Anheuser Busch Inc. of 721 Pestabozzi Street, St. Lois, Missouri USA.	Conversion of D-Glucose to D-Fructose.
102.	140961	15-12-73	Societe Nationale Des Poudres Et Explosives of Quai Henri IV 75181 Paris, Cedex 04 France Antar Petroles De L' Atlantique of 4, Rue Leon Jost, 75017 Paris, France and Antargaz of 20, Rue De Washington 75008 Paris, France.	Apparatus for concentrating dilute solutions.
103.	140968	25-6-74	Sherritt Gordon Mines Ltd of Commerce Court West Toronto, Ontario, Canada	Treating high magnesium nickeli-ferous lterites and garnierites.
104.	140973	2-4-75	Hoechst AG of 6230 Frankfurt Main 80 FRG	Preparation of polypropylene molding compositions.
105.	140975	19-6-75	Atlantic Richfield Co. of 515 S Flower Street, Los Angeles, State of California, U.S.A	Production of isocyanates.
106.	140976	17-9-75	Shell Internationale Researh Maatschappij BV of Carel van Bylandtlaan 30, The Hague, Netherlands.	Preparation of synthesis gas
107.	141009	5-9-73	Hoechst AG of 6230 Frankfurt/Main 80, FRG.	Preparation of new water soluble reactive dyestuffs of the anthraquinone series.
108.	141012	2-11-73	Fisons Limited of 9 Grosvenor Street, London England.	Production of phosphoric acid by the wet process.
109.	141013	14-11-73	General Electric Co, of 1 River Road, Schevectady 5, New York, USA.	Thermally curing polymeric material.
110	141017	19-9-74	Shell Internationale Research Maatschappij BV of Carel van Bylandtlaan 30, The The Hague, Netherlands.	Preparation of synthesis gas.
111.	141019	13-2-75	The Wellcome Foundation Ltd. of 183—193 Euston Road, London N.W.1, England.	Preparing at tablet of a pharmaceutical of formulation.
112.	141021	19-4-75	Imperial Chemical Industries Ltd. of Imperial Chemical House, Mill bank, London SW 1, England.	Manufacture of morpholene derivates.
113.	141023	20-4-72	Hoechst AG of 6230 Frankfurt Main 80 FRG.	Preparation of benezene sulfoniyl ureas.
114.	141024	Do.	Do.	Do.
115.	141025	20-4-72	Hoechst AG of 6230 Frankfurt Main 80 FRG	Preparation of benzen sulfoniyl ureas.
116.	141026	Do.	Do.	Do.
117.	141032	2-11-73	Fiscons Ltd. of 9 Grosvenor Street, London, England.	Production of phosphoric acid by wet process.
118.	141035	20-4-72	Amerian Home Products Corporation of 685 Third Avenue, New York, 10017, USA.	Manufacture of acid addition salts of aminoquanidines.

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119.	141043	30-1-74	Hoechst AG of 6230 Frankfurt Main 80 FRG.	Preparation of water insoluble disazo-methine dyestuffs.
120.	141044	Do.	Do.	Preparation of azo methine dyestuffs.
121.	141050	2-1-75	American Cyanamid Co. of Wayne, New Jersey, USA.	Preparation of substituted tetrahydrobenz-othiophenes.
122.	141055	20-4-72	Sankyo Co. Ltd. of 1-6 3 Chome Nihon-bashi Honcho Ghuo Ku, Tokyo, Japan.	Preparation of benzo diazepin compounds.
123.	141058	22-1-74	Ciba Geigy IG of Klybeckstrasse 141 Basle Switzerland.	Manufacture of new vat dyestuffs.
124.	141079	7-7-75	Union Carbide Corporation of 270 Park Avenue, New York, State of New York 10017 USA.	Preparation of carbamoyl halides.
125.	141086	5-6-75	Graphite India Ltd. of Durgapur 11 West Bengal India.	Making caron embedded fireclay and other allied refractory materials.
126.	141090	20-7-74	Elkem Spigerverxet A/s of Elkenhuset, Middle thunsgate 27, Oslo 3 Norway.	Method of producing pelets from ores and or concentrates which contain metal oxides.
127.	141112	17-9-73	Choay A. A of 48 Avenue Theophile Ganities 75-Paris France.	Lubricant oil composition.
128.	141113	14-11-73	The Lubrizol Corporation, of Bon 3057 Euelid Cleveland Ohio 44117 USA.	Lubricant oil composition.
129.	141126	10-5-74	Snamprogetti SPA of 16, Cross Venezia, Milan Italy.	Partial oxidation of organic compound and an apparatus thereof.
130.	141145	10-4-74	Elkem Spigerverket A/s of Elkemhuset, Middlethunsgate 27 Oslo 3, Norway.	Production of burned pellets from a material which contains metal oxide.
131.	141148	24-4-74	Atlantic Richfield Co. of Arco Plaza 515, S. Flower street, Los Angles State of California USA.	Preparation of isocyanates.
132.	141151	3-1-75	Americans Cynamid Co. of Wayne, New Jersey, USA.	Forming polymers of unsymmetrically substituted 1, 4 dioxane-2, 5-diones.
133.	141155	8-6-76	Hoechst AG of 6230 Frankfurt Main 80 FRG.	Preparation of virus vaccines.
134.	141160	16-1-74	Shell Internationale Research Maatschappij BV of Carel van Bylandtlaan 30 The Hague, Netherlands.	Gas preparation process.
135.	141163	19-2-75	Ghinoin Gyogyszer FTC of 1-5 To U Budapest IV Hungary.	Preparation of novel axyloxyamino butanol derivates.
136.	141164	7-3-75	Eli Litty Co. of 307 east MC Canty Street City of Indiana polis State of Indian USA.	Preparation of S triazolo (3, 4-B) benzo-benzothiazoles.
137.	141166	31-7-75	Carter Wallace Inc of 767 fifth Avenue New York 10022 USA.	Preparation of micro-crystalline—3 (α acetonyl benzyl)-4 hydroxy coumarin.
138.	141168	28-10-75	France Luzerne of 11 Rue Demadrid, Paris 8 EME France.	Treatment of green leafy vegetable matter for the recoverry of proteins.
139.	141179	4-6-74	Sachs Systemtechnik GMBH of Johann George Gadamann Strasse 13, 872 Schweinfurt Main FRG.	Apparatus for disinfection of liquids by anodic oxidation.
140.	141183	27-12-74	Hoechst AG of 6230 Frankfurt Main 80 FRG.	Preparation of chlorinated copper pothalocyanines.
141.	141186	18-9-75	Chinoin Gyogyszer Es Vegyeszeti Termekek Gyara RT of To Utea 1-5 Budapest IV Hungary.	Preparation of n-(2-benzyhdryl ethyl)-n-(1 Phenyl ethyl)-8-amine and acid addition Salts thereof.
142.	141192	16-12-74	Sumitomo Aluminium Smelting Co. Ltd. of 15 Kitahamo 5 chome Higashi Ku Oska Japan.	Production of aluminium sulfate.
143.	141193	18-12-74	E I. Du Pont of Wilmington Delaware USA.	Treatment of pigmentry TiO2.
144.	141299	10-12-75	Shell Internationale Research Maatschappij BV Carel van Bylandtlaan 30, The Hague, Netherlands.	Heat exchanger for cooling hot gases.
145.	141224	24-4-74	Dr. C. Otto & Comp GMBH Postafach 1849/1850, 463 Bochum, West Germany.	Quenching of hot coke discharged from a cooking oven.
146.	141226	3-7-74	Fibreglass Ltd. of Prescot Road, St. Helens Lancashire, England.	Production of glass fibre product.

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147.	141230	5-11-74	Strategic Medical Research Corporation of 1655 West Jackson, Boulevard, Chicago, Illinios 60612 USA.	Preparation of an ethyercally substituted of monosacicharide.
148.	141234	18-11-74	Snamprogetti S. P. A. of 16, Curso Venezia, Milan, Italy.	Preparation of poly n hydrocarbyl-iminoalanes.
149.	141240	29-7-75	C.S.I.R. at Rafi Marg, New Delhi-1, India.	Production of spermicidal saponin from plants.
150.	141241	20-4-72	Imperial Chemical Industries Ltd. of Imperial Chemical House, Mill bank, London SW 1, England.	Manufacture of 1-acylamino-phenoxy amino-2-propanol derivatives.
151.	141243	24-5-76	UCB S A. of 4 Chaussee De Charleeroi, Saint Gieles Lez Brixelles, Belgium.	Production of lucknomycin.
152.	141246	31-12-73	Imperial Chemical Industries Ltd., at Imperial Chemical House, Mill bank, London SW 1, England.	Catalytic oxyhalogenation of hydrocarbons
153.	141249	22-2-74	Kabel Und Metallwerke Gutehoffnungshutte AG of 3000 Hannover, Vahrenwalder Strasse 271 Postfach 260 FRG	Manufacture of copper clad aluminium or aluminium alloy wire.
154.	141250	19-2-75	CSIR of Rafi Marg, New Delhi-1 India.	Etching of aluminium or its alloy for use as electrode in aluminium electrolytic capacitors.
155.	141261	5-6-74	Josef Meissner of Bayess Halburtel 16-20, 5 Koln 51, 1 RG.	Reprocessing the final acids of the nitroglycerin products.
156.	141294	21-1-75	CSIR at Rafi Marg, New Delhi-1, India.	Synthesis of 3-substituted-4 oxo-5H pyridazino (4, 5-β) indoles as tubal occluding agents.
157.	141299	3-11-75	Nuchem Plastics Ltd. of 20/6 Milestone Mathura Road, Faridabad 121001, Haryana 121001, India.	Manufacture of butylated urea formaldehyde resins.
158.	141300	25-1-75	The Good year Tire & Rubber Company of 1144 East Market Street, Akron, Ohio, USA.	Preparation of dithiodinitriles.
159.	141314	29-7-75	Societe D' etudes De Produits Chimiques of 16 rue Klerber, 92130 Issey-les Moulineaux, France.	Preparation of pyridoxine ester salts.
160.	141325	21-4-76	John Wyeth & Brother Ltd., of Huntercombe Lane South Taplow, Maidenhead, Berkshire, England.	Preparation of pyridine derivatives.
161.	141350	13-2-74	Siemens AG of Berlin and Munich West Germany.	Production of elongated polyethylene structure.
162.	141401	23-7-74	Chiemie Linz Aktiengesellschaft of St Peter Strasse 25, 4020 Linz, Australia.	Preparation of sulphuric acid.
163.	141428	2-7-75	Shell Internationale Research Maatschappij BV Carel van Bylandtlaan 30, The Haguem, Netherland.	Feeding finely divided solid fuel to a high press gasification chamber.
164.	141433	6-3-74	Saint Gobain Industries of 62 Boulevard Victor Hugo, Neuilly Sur Seine, France.	Production of fibrous material.
165.	141440	24-12-73	Hayashibara Biochemical Laboratories Incorporated of No. 2-3 1-Chome, Shioishii, Okayamashi, Okayama-Ken, Japan.	A shaped solid body of pullulan ester
166.	141462	20-3-74	Rhone Progil of 25, Quai Paul Doumer, 92408 Courbevoie, France.	Bulk polymerisation of vinyl chloride.
168.	141471	12-12-74	RCA Corporation of 30 Rockefeller Plaza, New York, New York 10020, USA.	Method of vapour deposition.
169.	141473	11-3-75	Wilhelm Hegler of Geothe Strasse 2, 873 Bad Kissinger FRG.	Production of double walled synthesis.
170.	141539	7-8-75	Ciba Geigy of India Ltd, of Aarey Road, Goregaon East, Bombay 63 Maharashtra, India.	Manufacture of new pyridazines and acid addition salts thereof.
171.	141603	12-2-75	Institut Francais Du Petrole of 4 Avenue de Bois Preau 92502, Rueil Malmaison, France and Sosa Texaco S. A. of Ecatepec de Morelos, Estado de Mexico, Mexico.	Device for concentrating dilute supensions.
172.	141610	1-3-75	Americans Home Products Corporation at 685 Third Avenue, New York, New York 10017, USA.	Preparation of benzabicycloalkene amines.

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173.	141623	7-8-75	Hindustan Lever Ltd. of Hindustan Lever House, 165/166 Backbay Reclamation, Bombay-20.	Detoxifying nutrient plant material containing saponins
174.	141830	13-1-75	Do.	Hair dyeing composition
175.	141839	27-3-74	C. A. Norgren Co. of 5400 South Delaware Street, Littleton, Colorado 80120, USA.	Reclassifier for oil fog lubrication systems
176.	141841	6-11-75	CSIR of Rafi Marg, New Delhi-1, India.	Synthesis of substituted 2-naphthanilide-isothio cyanates.
177.	142005	7-8-75	Ciba Geigy of India Ltd, of Aarey Road, Goregaon East, Bombay 63, Maharashtra India.	Manufacture of styryl dyestuffs
178.	142102	2-8-75	Do.	Preparation of azo cyclo alkane compounds
179.	142121	7-6-75	Do.	Colouring textile or knitted or non woven materials
180.	142220	7-7-75	Union Carbide Corporation of 270 Park Avenue New York of New York 10017, USA	Preparation of carbamoyl halides.
181.	142221	Do.	Do.	Do
182.	142374	11-11-74	Dr. C. Otto & Comp GMBH Post fach 1849/1850 463 Bochum West Germany	Removing ammonia from gases
183.	142394	24-4-74	Do.	Do
184.	142417	24-4-74	Do.	Do
185.	142539	7-8-75	Ciba Geigy of India of Aarey Road, Goregaon East, Bombay 63, Maharashtra, India.	Manufacture of polycyclic compounds
186.	143774	28-6-75	Hiroshi Tezuka of 20-2, 1-Chome, Higashi, Shibuga-ku. Tokyo, Japan.	Preparation of an explosive slurry composition.

PATENTS DEEMED TO BE ENDORSED WITH THE WORDS "LICENCES OF RIGHT"

The following patents are deemed to have been endorsed with the words "Licences of right' under Section 87 of the Patents Act, 1970. The dates shown in the crescent brackets are the dates of patents.

No. Title of the invention

136960 (26-9-72) Process for preparing preservatives for use in preservation of small arms

137218 (26-2-73) Process for preparing stimulated human milk.

137220 (29-5-73) Process for preparing novel cyclopropane carboxylate acid esters.

137244 (1-2-73) Recovery and separation of nickel and cobalt from reduced laterite nickel ore.

137245 (16-7-73) Improvements in or relating to electrolytic preparation of ferricynide from ferrocynide.

137286 (13-9-73) Method for producing crystelline pivaloyloxy methyl D (-) α-amino benzyl penicillinate

137306 (27-5-72) Process for introducing aminomethyl groups into aromatic addition polymers.

137308 (1-8-72) A process for manufacture of azodyestuff

137316 (5-10-72) Process for the manufacture of dephenylamine and substituted derivatives. Thereof—

137391 (15-11-72) Method of producing antimony oxide colloidal solution.

RENEWAL FEES PAID

94370 94503 94632 94722 94942 95744 95745 100086 100213 103932 105543 105611 106211 106295 106276 110966 111206 112057 112578 113556 115066 116302 116398 116535 118111 118217 118632 119424 121702 121816 121974 121996 122172 122173 122175 122288 123147 123752 124232 124501 124503 126905 127057 127058 127225 127251 127277 127725 128481 131285 131601 131625 131894 132085 132429 132454 132939 133398 135780 135918 136072 136295 136331 136452 136495 136547 136836 137115 137246 137343 137424 137510 137606 137707 138114 138711 138742 138816 138945 139232 139326 139345 139459 139578 139902 140061 140602 140712 140841 140904 141185 141827 142235 142286 142537 142510 142550 142614 142666 142928 143017 143309 145384 143385 143455 143527 143538 143544 143559 143627 143641 143779 143805 143813 143912 143987 143988 144068

CESSATION OF PATENTS

128178 128188 128197 128220 128221 128234 128238 128240 128244 128281 128284 128285 128299 128304 128312 128315 128321 128325 128331 128332 128335 128341 128342 128345 128349 128350 128366 128378 188392 128393 128402 128411 128417 128421 128422 128427 128429 128430 128432 128435 128445 128446 128447 128454 128459 128461 128466 128468 128471 128478 128479 148480 128482 128483 128487 128488 128491 128497 128505 128506 128526 128539 128541 128543 128544 128550 128560 128567 128580 128583 128587 128598 128599 128603 128608 128611 128612 128613 128622 128626 128640 128643 128647 128648 128650 128654 128663 128680 128681 128682 128687 128690 128693 131645 134375 135476 136011 136932

RESTORATION PROCEEDINGS

Notice is hereby given that an application for restoration of Patent No. 119935 dated the 1st March 1968 made by American Machine & Foundry Company on the 10th January 1978 and notified in the Gazette of India, Part III, Section 2 dated the 25th February 1978 has been allowed and the said patent restored

REGISRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in each entry is the date of registration of designs included in the entry.

Class 1. No. 147194. Flair Pen Company, 4 Sonal Apartments, Jay Prakash Nagar, Goregaon (East), Bombay-400063, Maharashtra State, India an Indian Partnership Firm. "Ball pen refill". June 8, 1978.

Class 1. No. 147225. Larsen & Toubro Limited, of L & T. House, Ballard Estate, Bombay-400 001, Maharashtra, India, an Indian Company. "A busbar support for switchboards". June 16, 1978.

Class 1. No. 147245. Jagdish Prasad Gupta, an Indian National, trading as Road Reflective Roses, 281/1, Prempuri, Meerut City, Uttar Pradesh, India. "Reflective stud (cateyes)". June 24, 1978.

Class 1 No. 147254 Plastic Art, a sole Proprietory Firm of Shivaji Service Industries Bldg., 'B' Ground Floor, Unit No. 1, 119, Taikalwadi Road, Shivaji Park, Opp Hari Niwas, Mahim, Bombay-400 016, Maharashtra, India, "Container with lid". June 27, 1978.

Class 1. No. 147262. Ceeshem Traders, an Indian Partnership Firm, Seksaria Industrial Estate, 2nd Floor, Chincholi, Swami Vivekanand Road, Malad, Bombay-400 064, Maharashtra, India. "Gas lighter". June 30, 1978.

Class 1. No. 147310. Kandathil Mammen Mammen of 28, G. N. Chett, Road, Thyagaraya Nagar, Madras-600 017, Tamilnadu, India, Indian National. "Chairs". July 7, 1978.

Class 1. Nos. 147345 to 147347. Cement Research Institute, M-10, South Extension, Part-II, New Delhi-110049, India, an Indian Company. "Mental reinforcing fibers for concrete mix". July 20, 1978.

Class 1. No. 147353. Companion International, of 60A, Chowringhee Road, Flat No. 12 (3rd Floor), Calcutta-700020, West Bengal, India, an Indian sole proprietory concern. "A double burner kerosine oil stove". July 21, 1978.

Class 1. Nos. 147355 & 147356. Breeze Bikes Private Limited, A-198, Peenya Industrial Estate, Bangalore 560 058, Karnataka State, an Indian Limited Company, incorporated under the Companies Act, 1956. "Bicycles". July 22, 1978.

Class 1. No. 147366. Saiko Matex Engineering Pvt. Ltd., 5 Parekh Market, 39, Kennedy Bridge, Bombay-400 004, Maharashtra State, an Indian Private Limited Company. "Signal lamp for automobiles". July 25, 1978.

Class 1. Nos. 147381 to 147383. Union Carbide India Limited, an Indian Company of 1, Middleton Street, Calcutta-700 016, West Bengal, India "Flashlight". July 28, 1978.

Class 1. No. 147391. Bismen, G-38, Shalimar Industrial Estate, Matunga, Bombay-400 019, State of Maharashtra, an Indian Partnership concern. "Automatic electronic hand drier". July 29, 1978.

Class 1. No. 147395. Star Hardware Mfg. Co., 105/220 Chamanganj, Kanpur (U.P.) as Indian partner ship concern. "Latches". August 1, 1978.

Class 1. No. 147400. Vivekanand Ambadas Vinekar, an Indian Citizen, B-1, Woodlands co-op. Society St. Maryine Cross Road, Bandra (West) Bombay-400 050, Maharashtra, India. "A cabinet for liquid dispenser". August 1, 1978.

Class 1. No. 147402. Baldev Meherchand Gupta, An Indian Citizen, resident at 'Sarnath'-B-Bldg., Flat No. 33, Sophia College Road, Bhulabhai Desai Road, Bombay-400 026, Maharashtra, India. "A perforated closure". August 4, 1978.

Class 1 No. 147413 Prakash Type Foundry, 250 267, Narayan Peth, Poona-411030, Bombay, Maharashtra Indian Partnership Firm "Printing fount". August 9, 1978.

Class 1. No. 147416. Racold Appliances Pvt. Ltd., "Vandhna" 12th Floor, 11 Tolstoy Marg, New Delhi-110001, India, an Indian Company. "Heater". August 10, 1978.

Class 1. No. 147455. Swift Instruments Inc., A Massachusetts Corporation, United States of America, at 952, Dorchester Avenue, Dorchester, Massachusetts 02125, United States of America. "A microscope stand". August 14, 1978.

Class 1. No. 147471. Sunder & Kapoor, 107, Commerce House, 1st Floor, Medow's Street, Fort, Bombay-400023, Maharashtra, an Indian Proprietory firm "Cap of Automobile bulb". August 16, 1978.

Class 1 No. 147579. Pandurang Kondiba Dikshit, Indian National, of 1201, Shukrawar Peth, Subhashnagar Road, No. 3, Pune-411 002, State of Maharashtra, India. "Foot valve" September 23 1978.

Class 3. Nos. 147208 to 147211. Hubert Rolof Keswick and Clifford William Dessa, both of 14 Dent Mission Road, Kidderpore, Calcutta-700 023, West Bengal, India, Indian Citizens. "Electrical Adaptor". June 13, 1978.

Class 3. Nos 147212 to 147215. Hubert Rolof Keswick and clifford William Dessa both of 14 Dent Mission Road, Kidderpore, Calcutta-700 023, West Bengal, India, Indian citizens. "Electrical switch". June 13, 1978.

Class 3 No 147263. Prince Plastics, 312, Churchgate Chambers, 5, New Marine Lines, Bombay-400020. Maharashtra State, an Indian Partnership Firm. "Tug". June 30, 1978.

Class 3. No. 147264. Prince Plastics, 312, Churchgate Chambers, 5, New Marine Lines, Bombay-400020. Maharashtra, State, an Indian Partnership Firm. "Soap container". June 30, 1978.

Class 3. No. 147309. Kandathil Mammen Mammen of 28, G. N. Chetty Road, Thyagaraya Nagar, Madras-600 017, Tamilnadu, India, Indian National. "Chairs". July 7, 1978.

Class 3. No. 147363 Swastik Art Industries, Ram Baug, Swami Vivekanand Road, Malad, Bombay-400064, Maharashtra State, an Indian Partnership Firm. "Idol". July 24, 1978.

Class 3. No. 147365. Saiko Matex Engineering Pvt. Ltd., 5 Parekh Market, 39, Kennedy Bridge, Bombay-400 004, Maharashtra State, an Indian Private Limited Company. "Signal lamp for automobiles". July 25, 1978.

Class 3. Nos 147376 to 147380 Tushar Handicrafts, Unit No. 230 2nd Floor, 105, Champaklal Industrial Estate, Behind Rupam Cinema, Road No. 29, Sion (East), Bombay-400022, Maharashtra, an Indian Partnership Firm. "Water filters". July 28, 1978.

Class 3. Nos. 147384 to 147386. Union Carbide India Limited, an Indian Company of 1, Middleton Street, Calcutta-700 016, West Bengal, India. "Flashlight". July 28, 1978.

Class 3. Nos. 147389 & 147390. Niravan Product. 7A, Shreyas Industrial Estate, B-1/B-2, Nathani Estate, Off Western Highway, Goregaon (East), City of Bombay, State of Maharashtra, India, an Indian Partnership Firm. "Containers". July 29, 1978

Class 3. No. 147392. Bismen, G-38, Shalimar Industrial Estate, Matunga, Bombay-400 019, State of Maharashtra, an Indian Partnership concern. "Printed circuit for neon Assembly". July 29, 1978.

Class 3. No 147393. Bismen, G-38, Shalimar Industrial Estate, Matunga, Bombay-400 019, State of Maharashtra, an Indian Partnership concern "Reflectors for neon indicators lamps". July 29, 1978

Class 3. No. 147394. Mahavir Plastic Industries, 47, Unique Industrial Estate, Dr. Rajendra Prasad Road, Opp. Jawahar Talkies, Mulund (West), Bombay-400080, Maharashtra an Indian proprietory concern. "Jerry can". July 31, 1978.

Class 3 Nos 147397 & 147398 S S Ranjit Singh, of 65, Canning Street, Calcutta 700 001, West Bengal, an Indian Partnership Firm "Container' August 1, 1978.

Class 3 No 147404 Alembic Glass Industries Limited, an Indian Company incorporated in India, City of Baroda, State of Gujarat, India "Pourers". August 5, 1978.

Class 3. Nos. 147406 & 147407 M/s. Rose Bud, a partnership firm registered under the Indian Partnership Act, 1932 of 12-B, Srimanta Dey Lane, Calcutta-12, within the State of West Bengal. 'Container". August 7, 1978.

Class 3 No 147408 M/s S S Ranjit Singh a partnership firm registered under the Indian Partnership Act, 1932, of 2nd Floor, 65, Canning Street, Calcutta-700001, within the State of West Bengal 'Plastic containers" August 7, 1978

Class 3 No. 147409 Plasti Surge Instruments, Panchsheel Cinema Building, Mofussil Plots, Amravati-444 601, Maharashtra, an Indian partnership firm "Hand roster". August 7, 1978

Class 3 Nos 147418 to 147421 Ajoy Kumar Gupta, trading as Hindustan Chemical Industries, Indian of 13 A, Sikderpara Lane, Calcutta-7, West Benga , India "Plastic containers". August 14, 1978.

Class 3. Nos 147422 to 147424. Mona Toys Industries, a Partnership firm of C-124, Rewari Line Industrial Area, Phase-II, Mayapuri, New Delhi 110027, India. "Toys". August 14, 1978

Class 3. Nos 147425 to 147428 Dolly Toys Industries a registered partnership firm of D-34, Rajouri Garden, New Delhi 110027, India "Toys" August 14, 1978.

Class 3 Nos 147469 & 147470 Tushar Handicrafts, Unit No 230, 2nd Floor, 105, Champaklal Industrial Estate, Behind Rupam Cinema, Road No 29, Sion, (East), Bombay-400022, Maharashtra State, an Indian Partnership Firm. "Swirlai-cum-hose pipe connector". August 18, 1979

Class 3. No. 147494 Shewaram & Sons, a registered Indian Partnership firm, at 11, Sutar Chawl 1st Floor, Bombay 400 002, Maharashtra, "Strainer' August 28, 1978.

Class 3 No 147545. M. S Corporation 53-54, Shreepal Service Industrial Estate, Chinchali, Swami Vivekanand Road, Malad (West), Bombay 400 064, Maharashtra, an Indian Partnership Firm "Break light" September 12, 1978

Class 3. No 147665. Sikand Plastic Industries, 7, Barakhamba Road, New Delhi 110001, an Indian Partnership firm "Bottle". October 20 1978

Class 3 No 147666 Arvind Plastic Industries an Indian regd partnership firm of No 5, Ganko Industrial Estate, 2nd Floor, Room No 17, Ramchandra Lane, Malad (West), Bombay 400 064, Maharashtra 'Container' October 20, 1978.

Class 4 Nos 147370 & 147371 Arvind Shamrao Nadgauda, Indian National, of Plot No 161/A/3, Modibaug, Ganeshkhind Road, Pune-411 016, State of Maharashtra, India "Hollow block' July 26, 1978

Class 4 No 147411. Pareshnath Das Deb 79B, Pataldanga Street, Calcutta-9, Indian "Dashboard' August 9, 1978

Class 4. No 147412 Pareshnath Das Deb, 79B, Pataldanga Street, Calcutta 9, West Bengal, Indian "Panel" August 9, 1978

Class 4 Nos 147414 & 147415 Parfums Rochas S A, of 33, Rue Francois Ier, 75008 Paris, France, a Company organised under the laws of France 'A bottle". August 9, 1978

Class 4 Nos 147464 to 147466 Pure Beverages Limited (A company incorporated under the provisions of Indian Companies Act), of 38 Noble Chambers S A Brelvi Road, Bombay 400 001, State of Maharashtra, India "Bottle" August 17, 1978

Class 5 No 147401 Kamal Products of 2, Shanti Nagar, Mukta Baug, Samath Road, Malad West, Bombay 400 064, State of Maharashtra, India, an Indian proprietory concern. "Carton". August 3, 1978

Class 10 No 147375 Shah Enterprises, Udyog Nagar, Gala No 4 & 9 Plot No 9 Goregaon (West) Bombay-400062, Maharashtra State, an Indian Partnership Firm Footwear' July 28, 1978

S VEDARAMAN
Controller-General of Patents, Designs and Trade Marks

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